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INTERNATIONAL SEARCH REPORT

International application No.
PCT/NO 03/00324

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B60G 17/015

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B60G, G01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0617260 A1 (HELLA KG HUECK & CO), 28 Sept 1994 (28.09.94), column 2, line 12 - column 7, line 25, figures 1,2, abstract --	1-4,8,10,11
Y	WO 9928636 A1 (KONGSBERG AUTOMOTIVE ASA), 10 June 1999 (10.06.99), page 5, line 4 - page 6, line 5, figures 4,5 --	1-4,8-11
A		5-7
Y	US 4756374 A (BAILEY ET AL), 12 July 1988 (12.07.88) --	9
A		1-8,10,11

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

Date of mailing of the international search report

9 December 2003

11-12-2003

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5522468 A (DOHRMANN ET AL), 4 June 1996 (04.06.96) --	1-11
A	US 6412790 B2 (MCKENZIE ET AL), 2 July 2002 (02.07.02) --	1-11
A	DE 10134259 A1 (ZF LEMFÖRDER METALLWAREN AG), 6 February 2003 (06.02.03) -- -----	1-11

INTERNATIONAL SEARCH REPORT
Information on patent family members

31/10/03

International application No.
PCT/NO 03/00324

Patent document cited in search report			Publication date	Patent family member(s)	Publication date
EP	0617260	A1	28/09/94	DE 4309226 A	29/09/94
				DE 59404850 D	00/00/00
				ES 2111195 T	01/03/98
WO	9928636	A1	10/06/99	AU 1789099 A	16/06/99
				BR 9814750 A	03/10/00
				EP 1036280 A	20/09/00
				JP 2003517539 T	27/05/03
				NO 308963 B	20/11/00
				NO 975563 A	03/06/99
US	4756374	A	12/07/88	NONE	
US	5522468	A	04/06/96	NONE	
US	6412790	B2	02/07/02	US 2001008333 A	19/07/01
				AU 5590599 A	21/03/00
				CA 2342172 A	09/03/00
				EP 1109686 A	27/06/01
				US 6404767 B	11/06/02
				WO 0012331 A	09/03/00
DE	10134259	A1	06/02/03	WO 03008819 A	30/01/03